





Rapid Set® products are available through contractor and building supply dealers nationwide. Product availability may vary by location. Contact your local dealer for details. Bulk Rapid Set® Cement, Rapid Set® Latex Modified Concrete, and Shrinkage-Compensating Cement are also available. To find our products, call **1-800-929-3030** or visit *CTScement.com*.

TECHNICAL SUPPORT

Contact Technical Support for assistance with product and application questions.

Florida Building & Residential Code 2017 and 2014

Tel: 1-800-929-3030 | Fax: 714-379-8270

CTS Cement Manufacturing Corp.

12442 Knott St., Garden Grove, CA 92841

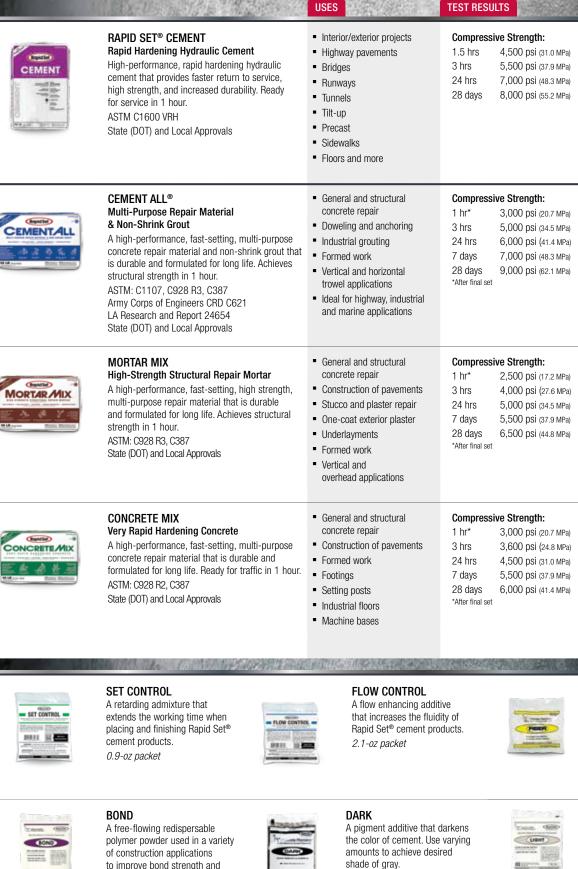
CTScement.com

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		HIGHLIGHTS	TEST RESULTS	GEL TIME & LOAD READ
Modelle Modell	FAST ANCHORING & REPAIR ADHESIVE Multi-Purpose Two-Component Structural Epoxy A two-component, rigid structural epoxy anchoring repair adhesive designed to develop a strong, durable bond to concrete, masonry, and dissimilar building materials. Suitable for use in a wide range of general construction, repair and maintenance projects. ASTM C881 • Type IV • Grade 3 • Class A, B, C	 Superior pull-out strength Use on cracked or uncracked concrete High chemical resistance Can be used for overhead applications Fill non-moving cracks and joints Bonds in water filled anchor holes 	Compressive Strength: 7 days 11,360 psi (78.3 MPa) Bond Strength: 2 days 1,980 psi (13.6 MPa) 14 day 2,400 psi (16.5 MPa)	Working time 30 minutes (68° F) Load bearing ready in 10 hours (68° F)
ESR-4473 ISF Certified to NGP/ANSI61	ULTRA-FAST ANCHORING ADHESIVE Two-Component, High Strength Vinylester, Styrene-Free Structural Adhesive A structural adhesive designed to develop a strong, durable bond to concrete and masonry materials. ICC ES ESR-4473 NSF 61 Certified LABC and LARC 2017 IBC and IRC 2017	 Bonds in water filled anchor holes High heat deflection temperature resistance Ideal in cold temperatures Use on cracked or uncracked concrete High chemical resistance Suitable in marine environments 	Compressive Strength: 7 days 11,160 psi (77 MPa) Bond Strength: 2 days 1,230 psi (8.5 MPa) 14 day 2,320 psi (16 MPa) Heat Deflection: Long Term 248° F	Working time 6 minutes (70° F) Load bearing ready in 45 minutes (70° F)

Suitable in marine environments







A 100% pure 1/2" polypropylene multifilament fiber containing no reprocessed materials that increases impact resistance and helps prevent shrinkage cracking i concrete, mortar, and grout mixes. 1.4-oz packet

THICKNESS & YIELD

potable water.

Up to 4"

55-lb bag yields 0.5 ft3

25-lb box yields 0.2 ft3

1/2" to 6"

2" to 24"

60-lb bag yields 0.5 ft³

55-lb bag yields 0.5 ft3

25-lb box yields 0.2 ft³

Thickness and yield will vary by

start with one 88-lb bag, 176 lb

of sand, 176 lb of 1/4" to 3/4"

stone and about 4 gallons of

Specific gravity 2.98 g/cm³

mix design. For small projects



to improve bond strength and impact resistance. 2.3-oz packet



shade of gray. 4.2-oz packet



LIGHT A pigment additive that lightens

the color of the mixture. Use varying amounts to achieve the desired tint 2.5-oz packet



CORROSION INHIBITOR

An additive that extends the life of reinforced concrete structures in corrosive environments. 1.7-oz packet



An admixture designed to speed up the setting time of Rapid Set® cement products in cold weather environments. 2.8-oz packet



EISENWALL® SET CONTROL®

Use with Rapid Set Eisenwall. A retarding admixture that extends the working time. allowing more time for placing and finishing. 5.7-oz packet

		USES	TEST RESULTS	THICKNESS & YIELD	SECTION OF THE PARTY OF THE PAR		USES	TEST RESULTS	THICKNESS & YIELD		497		USES	TEST RESULTS	THICKNESS & YIELD
REPAIR & RESTORATION	polymer-modified concrete repair material with integral corrosion inhibitor, excellent workability, and strong adhesion. Formulated to a concrete gray color.	 General and structural concrete repair Construction of pavements Marine applications Underlayments Formed work Horizontal, vertical and 	Compressive Strength: 1.5 hrs 2,000 psi (13.8 MPa) 3 hrs 3,500 psi (24.1 MPa) 24 hrs 5,500 psi (37.9 MPa) 7 days 6,000 psi (41.4 MPa) 28 days 7,000 psi (48.3 MPa)	1/2" to 6" 55-lb bag yields 0.5 ft ³	Thir Wall Forx	TILTWALLFIXX [™] TEXTURED Polymer-Modified, Portland-Based, Textured Compound A single-component textured compound with self-curing technology (SCT) and excellent bonding characteristics. It has an extended working time to allow for larger mix sizes. ASTM: ASTM C1583, ASTM C191	 Tilt-up panels Precast and formed work Concrete block Other concrete and masonry surfaces Interior/exterior applications 	Properties: Pot Life: 90+ minutes Polymer modified: no latex needed	1/16" to 1/4" 50-lb bag yields 155 ft ² at 1/16" thick	PRIMERS	Primer 22 III	ACRYLIC PRIMER High-Adhesion Acrylic Primer A concentrated, acrylic primer that improves the adhesion of Rapid Set® self-leveling flooring products to prepared concrete. Acts to prevent pinholes from forming in the finished surface.	 Seals porous concrete to prevent pinholes Improves adhesion 	Properties: Concentrated formula Extend with water Accepts topping in 1-24 hrs Light blue color	2 mils 1 gallon yields 400 ft² - 600 ft²
V/C Ver A h Ray agg sel cor AS Sta	V/O REPAIR MIX Vertical Overhead Repair Material A high-performance, polymer-modified blend of Rapid Set® Cement with additives and quality aggregates. Has integral corrosion inhibitor and self-curing technology. Fiber reinforced and concrete gray color. ASTM C928 R2 State (DOT) and Local Approvals	General and structural concrete repair Marine applications Formed work Horizontal, vertical and overhead applications	Compressive Strength: 2 hrs 2,000 psi (13.8 MPa) 24 hrs 4,000 psi (27.6 MPa) 7 days 6,000 psi (41.4 MPa) 28 days 6,500 psi (44.8 MPa)	Thicknesses up to 6" are acceptable for vertical and small spot repairs.	ONEPASS® Patch, Sand & Paint in 90 Minutes A high-performance, fast-setting, multi-purpose wall repair material and joint compound. Durable in wet environments. Mold and mildew resistant. ASTM: D3273, D3274	 Wallboard Cement board Magnesium oxide board Plaster Smooth stucco Masonry and other surfaces 	Mold Resistance: 7 days 10 out of 10 14 days 10 out of 10 28 days 10 out of 10 (10 = No Mold)	Up to 1" 25-lb bag or box yields 77 ft² at 1/16" thick 9-lb box yields 28 ft² at 1/16" thick		TOP-	TXP [™] FAST Fast Cure, Two Component, Alkali Resistant Epoxy Primer Provides excellent substrate wetting capabilities to promote penetration and adhesion. Ready for overlayment in 4-6 hours. ASTM: D2196, D2240, D695, D790	 Seals concrete, minimizes pinholes in overlayment Excellent adhesion to concrete 	Properties: Consists of resin and hardener High bond strength Low viscosity/deeply penetrating 30-35 minute working time Foot traffic in 4-6 hrs Tack free in 3 hrs Substrate MVER up to 10 lbs	10 to 12 mils 3-gallon kit yields 480 ft ² at 10 mils thick or 400 ft ² at 12 mils thick	
					ATT	TRU® SELF-LEVELING NATURAL & GRAY High-Performance Architectural Topping Includes ultra-fine sand. Available in Natural and Gray. A polishable topping that provides long flow life, working time, and a smooth strong surface with high-bond strength. Grind wet or dry and	For polished floors in: Schools Airports Warehouses Retail	Compressive Strength: 4 hrs 3,000 psi (20.7 MPa) 24 hrs 5,000 psi (34.5 MPa) 28 days 6,500 psi (44.8 MPa)	1/8" to 1-1/2" 50-lb bag yields 15 ft² to 16 ft² at 3/8" thick or 11 ft² to 12 ft² at 1/2" thick	TX	(P	TXP [™] SUPERFAST Super Fast Cure, 100% Solids, Two Component, Alkali Resistant Epoxy Primer Provides excellent substrate wetting capabilities to promote penetration and adhesion. Ready for overlayment in 2.5 hours.	 Seals concrete, minimizes pinholes in overlayment Excellent adhesion to concrete 	Properties: Consists of resin and hardener High bond strength Low viscosity/deeply penetrating 10 minute working time	10 to 12 mils 1-gallon kit yields 160 ft² at 10 mils thick 133 ft² at 12 mils thick
Form, Pour A high-perfe self-consolie Concrete Mi cement, hig aggregates.	FPP CONCRETE MIX Form, Pour & Pumpable Concrete Mix A high-performance, form and pour, pumpable, self-consolidating concrete repair material. FPP	 General and structural concrete repair Construction of pavements, formed work, footings, balconies, tunnels, roadways, elevated concrete slabs, parking decks and industrial floors 	Compressive Strength: 4 hrs 2,500 psi (17.2 MPa) 24 hrs 3,500 psi (20.7 MPa) 7 days 6,000 psi (41.4 MPa) 28 days 6,500 psi (44.8 MPa)		HM Box Bells	polish in 24 hours. Outstanding clarity and gloss. Note: Natural does not mean natural concrete color ASTM C1708	RestaurantsLobbies and more					ASTM: D2196, D2240, D695, D790		Foot traffic in 2.5 hrsTack free in 2 hrsSubstrate MVER up to 10 lbs	
	concrete Mix is a blend of Rapid Set® hydraulic ement, high-performance additives and quality ggregates. Has integral corrosion inhibitor. STM: C1611, C39				TRU SP	TRU® SP NATURAL & GRAY Salt & Pepper Finish, High-Performance, Self Leveling, Architectural Topping Includes decorative sand. Available in Natural and Gray. A high-flow topping with a specialized aggregate that creates a salt and pepper appearance on polished, decorative floors. Grind wet or dry and polish in 24 hours. Outstanding clarity and gloss. Note: Natural does not mean natural concrete color	For polished floors in: Schools Airports Warehouses Retail Restaurants Lobbies and more	Compressive Strength: 4 hrs 2,000 psi (13.8 MPa) 24 hrs 4,000 psi (27.6 MPa) 28 days 6,500 psi (44.8 MPa)	3/8" to 1/2" 60-lb bag yields 16 ft² at 3/8" thick or 12 ft² at 1/2" thick		ISENWALL	Premium Cement for Exterior Plastering Use in exterior plastering and stucco applications. Apply full thickness in a single application. Scratch, brown, and color the same day. ASTM C1328* ESR-2671 • UBC 25-1 LA RR 25358	For installation over: Masonry Concrete Fiberboard Gypsum Wood	Compressive Strength: 6 hrs 1,500 psi (10.3 MPa) 24 hrs 2,500 psi (17.2 MPa) 28 days 3,500 psi (24.1 MPa)	3/8" to 2" 88-lb bag yields 5 yd² at 3/4" thick *This product is not a portland cement and may have less than 90 minutes set time.
High-Pi for Con A high-coating negative hyrdros concret	High-Performance Cementitious Coating for Concrete and Masonry	 Interior/exterior concrete and masonry surfaces Above and below grade Waterproof basements, foundations, retaining walls, tilt-up concrete, cast-in-place concrete, and precast concrete 	6 hrs 1,500 psi (10.3 MPa) 24 hrs 2,500 psi (17.2 MPa) 3 days 3,000 psi (20.7 MPa) 7 days 3,500 psi (24.1 MPa) 28 days 3,800 psi (26.2 MPa)	110 ft ² at 1/16" thick	maker Books							State and Local Approvals STUCCO MIX	Cement-based sheathing For installation over:	Compressive Strength:	3/8" to 2"
					TRU PC	Self-Leveling, Architectural Topping Includes coarse decorative sand. Available in Natural and Gray. A high-flow topping that simulates	For polished floors in: Schools Airports Warehouses Retail	Compressive Strength: 4 hrs 2,800 psi (19.3 MPa) 24 hrs 5,000 psi (34.5 MPa) 28 days 7,000 psi (48.3 MPa)	3/8" to 1/2" 60-lb bag yields 16 ft² at 3/8" thick or 12 ft² at 1/2" thick	Was as		Premium Pre-Mixed Stucco for Exterior Plastering and Stucco A premium blend of Rapid Set® Cement, quality plaster sand and high-performance additives. Apply full-depth in a single application. Scratch, brown, and color coat in one day. ASTM C1328* ESR-2671 • UBC 25-1	 Masonry Concrete Fiberboard Gypsum Wood Cement-based sheathing 	6 hrs 1,000 psi (6.9 MPa) 24 hrs 1,800 psi (12.4 MPa) 28 days 2,900 psi (19.9 MPa)	57-0 to 2 50-lb bag yields 7.0 ft² at 3/4" thick *This product is not a portland cement and may have less than 90 minutes set time.
WATER STOP	WATER STOP Hydraulic Cement-Based Water Plug A high-performance, fast-setting material designed to stop water leaks in concrete and masonry. Durable in wet environments, Water Stop is a blend of Rapid Set® hydraulic cement and specially graded fine aggregates. ASTM C109	Cracks and holes in concrete surfaces such as walls, floors, swimming pools, cisterns, water tanks, basements, fountains, etc	1 hr 2,500 psi (17.2 MPa) 3 hrs 3,500 psi (24.1 MPa) 24 hrs 4,000 psi (27.6 MPa) 7 days 5,500 psi (37.9 MPa) 28 days 6,000 psi (41.4 MPa)	(0.01 MPa), Water Stop can be applied as thin as 1/8" and as thick as 2". 1 Ib yields 14 in ³ or will repair 26" of a 3/4" x 3/4" crack Available in 25-lb box	LEVELFLOR	polished concrete after grinding and polishing to expose the aggregate. Grind wet or dry and polish in 24 hours. Outstanding clarity and gloss. Note: Natural does not mean natural concrete color ASTM C1708	RestaurantsLobbies and more			S	STUDIO A PATON	STUCCO PATCH Premium, Fast-Setting Stucco Repair Material A premium, fast-setting stucco repair material, formulated with Rapid Set® hydraulic cement, advanced polymers and high quality aggregates.	 Repair cracks, holes and voids in stucco surfaces Window and door installations Interior/exterior stucco surfaces 	Compressive Strength: 24 hrs 2,500 psi (17.2 MPa)	1/8" to 1" 10-lb box yields 0.1 ft ³ 25-lb bag yields 0.2 ft ³ 50-lb bag yields 0.4 ft ³
						LEVELFLOR® Self-Leveling Underlayment A self-leveling underlayment with long flow life. Foot traffic in 2-4 hours. Cover with finish flooring in 4-16 hours. ASTM C1708	 Self-leveling underlayment New floor and repair projects Interior/exterior 	Compressive Strength: 24 hrs 3,000 psi (20.7 MPa) 7 days 3,500 psi (24.1 MPa) 28 days 5,000 psi (34.5 MPa)	1/8" to 2" 50-lb bag yields 24 ft² to 30 ft² at 1/4" thick or			Apply full-depth in a single application. Prime and paint after approximately 2 hours. Maintains paint gloss and color.	d - Commodible with mont		
Wunder Fix	Concrete Smoothing Compound A high-performance, gray concrete smoothing and patching compound. Durable in wet environments with excellent bonding characteristics. Grit free, ultra-smooth finish. Patch, sand and paint the same day. ASTM C109 TILTWALLFIXX™ Polymer-Modified, Portland-Based Concrete Smoothing Compound		24 hrs 1,000 psi (6.9 MPa) 28 days 2,000 psi (13.8 MPa) 28 days 2,000 psi (13.8 MPa) Properties: Pot Life: 90+ minutes Polymer modified: no latex needed	0000 psi (6.9 MPa) 50-lb bag yields 115 ft² at 1/16" thick 9-lb box yields 20.7 ft² at 1/16" thick					12 ft ² to 15 ft ² at 1/2" thick May be placed up to 5" thick when extended with aggregate.	ROUTING	RAFLOW 4000 1	ULTRAFLOW® 4000/8 Non-Shrink Precision Grout A high-performance, non-shrink precision grout	 Structural and non-structural applications Precision grouting under base 	Compressive Strength: 8 hrs 4,000 psi (27.6 MPa) 24 hrs 6,500 psi (44.8 MPa)	Up to 2" 55-lb bag yields 0.5 ft ³
					CR STRUBBACTO	CR CONCRETE RESURFACER Resurface Worn, Old, Spalled Concrete A cement-based polymer-modified mortar that can be used both indoors and outdoors to give the wear surface of concrete a new look. 30-minute working time. Foot traffic in 2-3 hours. Drive on in 4-8 hours.	 Repair old, damaged or discolored concrete Interior/exterior 	Compressive Strength: 24 hrs 2,500 psi (17.2 MPa) 28 days 4,500 psi (31.0 MPa)	1/16" to 1/4" 50-lb bag yields 96 ft² at 1/16" thick May be applied up to 1/2" in smaller areas.	**CONTROL OF THE PARTY OF THE P	december .	with long flow life and rapid strength gain. Fluid for 30 minutes. Can be mixed to any consistency from damp pack to fluid with an extended working time to allow for large placements. ASTM C1107 Army Corps of Engineers CRD C621	plates, precast components, machinery and equipment bases, keyway joints, load bearing pads, columns, anchor bolts, dowel rods and other indoor/outdoor non-shrink applications	7 days 8,000 psi (55.2 MPa) 28 days 8,500 psi (58.6 MPa)	If greater than 2" thick, may be extended with 3/8" pea gravel.
					SKIM COAT	SKIM COAT Patch, Skim Coat & Underlayment A smooth, sand-free, hydraulic cement-based material used under flooring for patching and skim coating on interior and exterior projects. Apply floor coverings in just 1 hour. Drive on 4-8 hours.	 Repair, level and smooth cement, and concrete substrates prior to installing floor coverings Repair uneven floors Interior/exterior 	Properties: Excellent bond to concrete, brick, block and more Walk on in 1 hour Mold and mildew resistant	Up to 1" 20-lb bag yields 67 ft ² at 1/8" thick		GROUT	CTS CONSTRUCTION GROUT Multi-Purpose, Non-Shrink Grout A versatile, non-shrink grout for structural and non-structural applications that can be mixed to any consistency from damp pack to fluid. Ready for loading in 24 hours. ASTM C1107 State (DOT) and Local Approvals	 Structural and non-structural applications Precision grouting, base plates, precast components, machinery and equipment bases, anchor bolts, keyway joints, load bearing pads and other non-shrink applications 	Compressive Strength with Fluid Consistency: 24 hrs 2,500 psi (17.2 MPa) 7 days 7,000 psi (48.3 MPa) 28 days 9,000 psi (62.0 MPa)	Up to 2" 50-lb bag yields 0.38 ft ³ at flowable grout consistency If greater than 2" thick, may be extended with 3/8" pea gravel.